

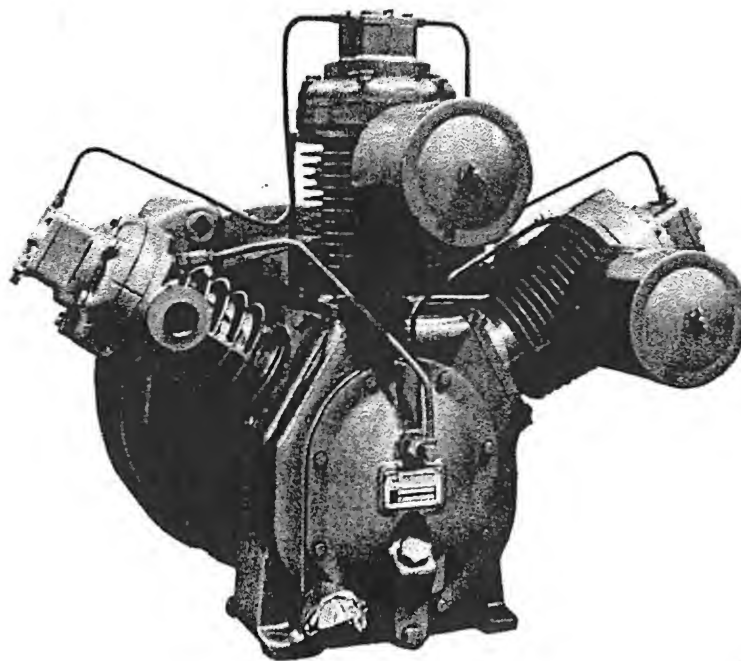
PARTS LIST

FOR

TYPE-30

**Concentric Ring Valve
Compressor**

Model 25T2



Ingersoll-Rand®

SMALL COMPRESSOR DIVISION

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SCD 104-A
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ORDERING INSTRUCTIONS

Refer all communications to the nearest Ingersoll-Rand Parts & Service Distributor.

HOW TO ORDER COMPRESSOR PARTS

When ordering replacement parts, please specify:

1. The **MODEL** and **SERIAL NUMBER** as stamped on Compressor Nameplate.
2. The **FORM NUMBER** of this booklet.
3. The **QUANTITY, DESCRIPTION & PART NUMBER** exactly as listed.

EXAMPLE

Send the following parts for a Model 25T2
Serial No.

2	Con Rod-LP	3R22594
1	Element-Filter	W114080
1	Valve, Safety	X1396T2-65

HOW TO SELECT RECOMMENDED SPARES

This catalog contains a listing of the parts which are included in each of the following classes of recommended spares.

CLASS I – MINIMUM—Suggested for Domestic Service where interruptions in service are not important.

CLASS II – AVERAGE—Suggested for Domestic Service where some interruptions in continuity of service are not objectionable.

CLASS III – MAXIMUM—Suggested for Export or for Domestic Service where interruptions in service are objectionable.

When ordering recommended spares, please follow the procedure as outlined for compressor parts.

To Order Motor Parts Refer to The Motor Manufacturer's Nearest Dealer.

WARNING

THE USE OF REPAIR PARTS OTHER THAN THOSE INCLUDED WITHIN THE INGERSOLL-RAND COMPANY APPROVED PARTS LIST MAY CREATE HAZARDOUS CONDITIONS OVER WHICH THE INGERSOLL-RAND COMPANY HAS NO CONTROL. SUCH HAZARDOUS CONDITIONS CAN LEAD TO ACCIDENTS THAT MAY BE LIFE-THREATENING, CAUSE SUBSTANTIAL BODILY INJURY, OR RESULT IN DAMAGE TO THE EQUIPMENT. THEREFORE, INGERSOLL-RAND COMPANY CAN BEAR NO RESPONSIBILITY FOR EQUIPMENT IN WHICH NONAPPROVED REPAIR PARTS ARE INSTALLED. USE OF REPAIR PARTS NOT APPROVED BY THE INGERSOLL-RAND COMPANY WILL VOID ALL OUTSTANDING EQUIPMENT WARRANTIES.

GLOSSARY

GROUP ASSEMBLY PARTS LIST

This part contains the listings and illustrations of the repair parts for your compressor.

Parts are listed in assembly sequence, where applicable. The relationship of an article to its next higher assembly is indicated by indenture. For example:

DESCRIPTION

Unit

- . Assemblies and Detail Parts of Unit
- . Attaching Parts for Assemblies and Detail Parts
 - . . Subassemblies
 - . . Attaching Parts for Subassemblies
 - . . . Detail Parts for Subassemblies, etc.

When an assembly is not broken down immediately after being listed, a reference is made to the listing where the breakdown is made.

Reference Number (Ref Nbr Column)

The reference number is the number assigned to the part in the listing. This reference number consists of the figure and illustration number and identifies the part on the associated illustration. An asterisk indicates not illustrated.

Part Number Column

All numbers shown are Ingersoll-Rand part numbers.

ILLUSTRATION NUMBER

If the illustration number on the art is enclosed in a circle 2 this indicates an assembly or sub-assembly broken down within the illustration.

Description Column

The Description column contains the standard item names with main noun modifiers.

Units Per Assembly Column (Nbr/Assy)

The quantities specified in this column are the number of parts used per one next-higher assembly and are not necessarily the total number of parts used in the overall unit. The entry "Ref" in this column refers to an assembly which is called for on a preceding illustration and is shown only to show its relationship to another part found in the list. The entry "NP" denotes that the assembly is nonprocurable. The entry "AR" denotes as required or bulk item.

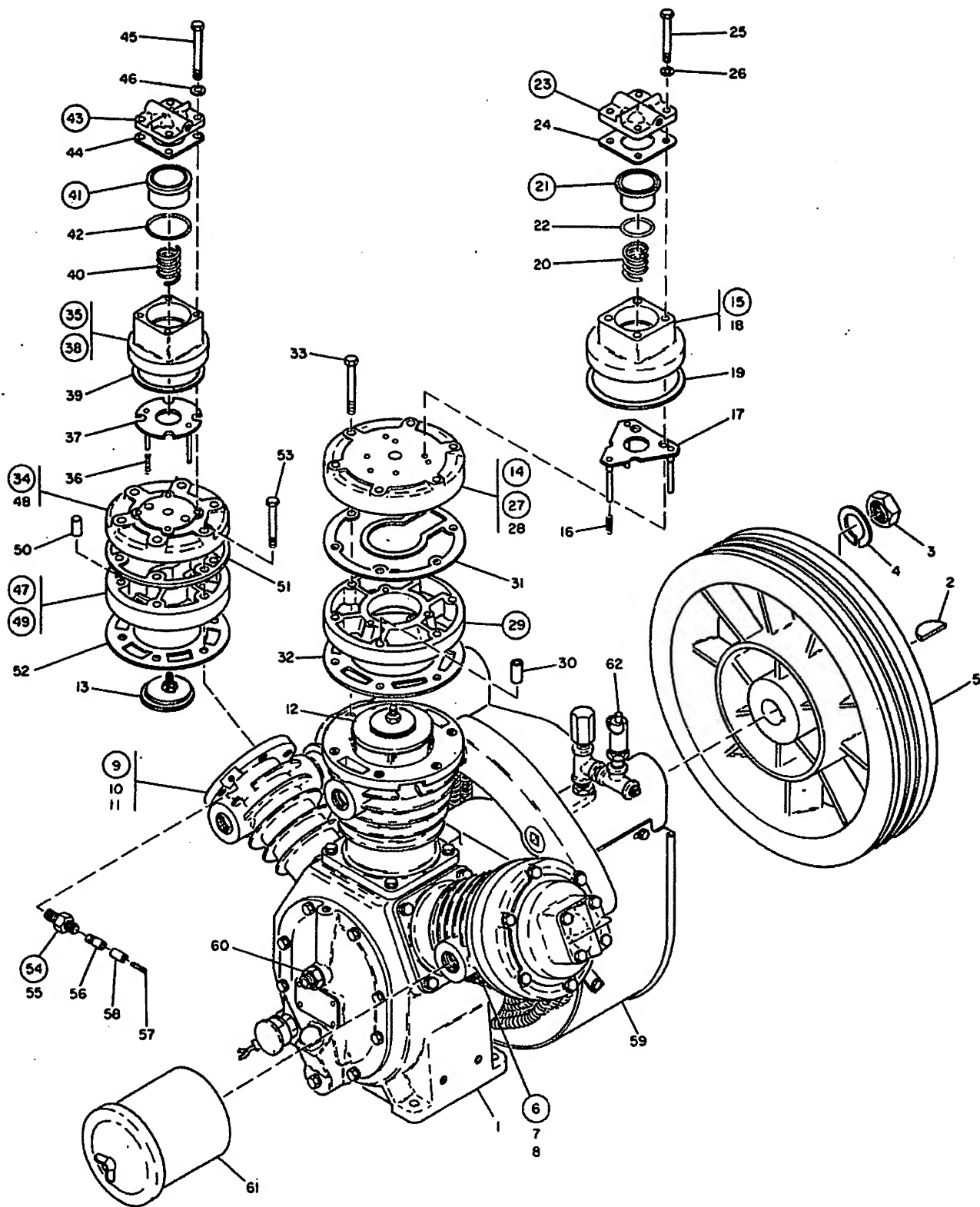


FIGURE 1. MODEL 25T2 BARE COMPRESSOR

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
1-		COMPRESSOR COMPLETE-MODEL 25T2	REF				
1-1		5-1/2 & 5-1/2 & 4 X 4 . FRAME COMPLETE SEE FIGURE 2 FOR DETAIL BREAK- DOWN. THE FOLLOWING 3 ITEMS ARE PART OF THE FRAME-CRANKSHAFT ASM:	1				
1-2	23A9C1012	. . KEY-WOODRUFF	1				
1-3	3W21473	. . NUT-BELT WHEEL	1				
1-4	14A5C175	. . WASHER-LOCK	1				
1-5	3H6165P6	. . WHEEL-V BELT	1				
1-*	W45627T2	. HEATER-OIL-CRANKCASE-OPTIONAL NOTE-FRAME MUST BE THREADED	1				
1-*	W45629	. WELL-BULB-THERMAL-OPTIONAL NOTE-FRAME MUST BE THREADED	1				
1-*	W45628	. THERMOSTAT-OPTIONAL NOTE-FRAME MUST BE THREADED	1				
1-6		. PISTON & CYLINDER COMPL-5-1/2 IN SEE FIGURE 3 FOR DETAIL BREAKDOWN	2				
1-7	35A2C219	. CAPSCREW 1/2 X 1-1/4	8				
1-8	X1016T35	. WASHER-STEEL	8				
1-9		. PISTON & CYLINDER COMPL-4 IN IN DIA SEE FIGURE 4 FOR DETAIL BREAKDOWN	1				
1-10	35A2C219	. CAPSCREW 1/2 X 1-1/4	4				
1-11	X1016T35	. WASHER-STEEL	4				
1-12	3W75300T60	. VALVE COMPL-SIZE 55 SEE FIGURE 5 FOR DETAIL BREAKDOWN	2				
1-13	3W75300T40	. VALVE COMPL-SIZE 42 SEE FIGURE 6 FOR DETAIL BREAKDOWN	1				
1-*	3W75301T62	. AIR HEAD COMPL-SIZE 55 TYPE 1 USED W/O CS UNLOADER	2				
1-14	3W75301T63	. AIR HEAD COMPL-SIZE 55 TYPE 2 USED WITH CS UNLOADER FOR OPTIONAL CS & DUAL CONTROL	2				
1-15	3W75297T40	. . UNLOADER-CONSTANT SPEED- COMPLETE-SIZE 55 USED WITH TYPE 2 AIR HEAD ONLY FOR OPTIONAL CS & DUAL CONTROL	1				
1-16	PP567	. . . SPRING	3				
1-17	3W21468	. . . PLATE	1				
1-18	3W75297T40B	. . . BODY-COMPLETE	1				
1-19	3W21485	. . . . GASKET	1				
1-20	PP568	. . . SPRING	1				
1-21	3W21467	. . . PISTON COMPL-UNL	1				
1-22	20A11EM141	. . . . O-RING	1			1	1
1-23	3W75297T20C	. . . COVER-COMPLETE	1				
1-24	3W21487	. . . . GASKET	1			1	1
1-25	35A2C123	. . . CAPSCREW 3/8-16X3-1/2	4				
1-26	X1016T34	. . . WASHER-PLAIN 3/8	4				
1-*	H36226	. . AIR HEAD ASM-TYPE 1	1				
1-27	H23226P1	. . AIR HEAD ASM-TYPE 2	1				

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
		- NOTE-WHEN REPLACING ONE OF THE FOLLOWING ASM COMPONENTS, GASKETS 2-31 & 2-32 MUST BE ORDERED -					
1-*	F25229	. . . AIR HEAD-TOP HALF-TYPE 1	1				
1-28	F25229P1	. . . AIR HEAD-TOP HALF-TYPE 2	1				
1-29	W99844	. . . AIR HEAD ASM-BOTTOM HALF	1				
1-30	W99755	. . . . DOWEL	1				
1-31	R53493	. . . GASKET-BETWEEN HALVES	1			1	1
1-32	3W21948	. . . GASKET-AIR HEAD TO CYL	1			1	1
1-33	35A2C227	. . CAPSCREW 1/2X3	6				
1-*	29A7M2	. PIPEPLUG-OPTIONAL 1/8 SQUARE HEAD USED ON RH LP CSU	1				
1-*	3W75301T46	. AIR HEAD COMPL-SIZE 42 TYPE 1 USED W/O CS UNLOADER	1				
1-34	3W75301T47	. AIR HEAD COMPL-SIZE 42 TYPE 2 USED WITH CS UNLOADER FOR OPTIONAL CS & DUAL CONTROL	1				
1-35	3W75297T30	. . UNLOADER-CONSTANT SPEED- COMPLETE-SIZE 42 USED WITH TYPE 2 AIR HEAD ONLY FOR OPTIONAL CS & DUAL CONTROL	1				
1-36	X1091 PP567	. . . SPRING	2				
1-37	3W28878	. . . PLATE	1				
1-38	3W75297T30B	. . . BODY-COMplete	1				
1-39	3W2880	. . . . GASKET	1			1	1
1-40	PP568	. . . SPRING	1				
1-41	3W21467	. . . PISTON COMPL-UNL	1				
1-42	20A11BE141	. . . . O-RING	1			1	1
1-43	3W75297T20C	. . . COVER-COMplete	1				
1-44	3W21487	. . . . GASKET	1			1	1
1-45	35A2C123	. . . CAPSCREW 3/8-16X3-1/2	4				
1-46	X1016T34	. . . WASHER-STEEL 3/8	4				
1-*	H37879	. . AIR HEAD ASM-TYPE 1	1				
1-47	H37879P1	. . AIR HEAD ASM-TYPE 2	1				
		- NOTE-WHEN REPLACING ONE OF THE FOLLOWING ASM COMPONENTS, GASKETS 2-51 & 2-52 MUST BE ORDERED -					
1-*	F28822	. . . AIR HEAD-TOP HALF-TYPE 1	1				
1-48	F28822P1	. . . AIR HEAD-TOP HALF-TYPE 2	1				
1-49	W123504	. . . AIR HEAD ASM-BOTTOM HALF	1				
1-50	W99755	. . . . DOWEL	1				
1-51	R57258	. . . GASKET-BETWEEN HALVES	1			1	1
1-52	W28719	. . . GASKET-AIR HEAD TO CYL	1			1	1
1-53	35A2C227	. . CAPSCREW 1/2X3	4				
1-*	R53543T1	. VALVE-AUXILIARY-OPTIONAL USED ON UNITS UP TO 125 PSI FOR OPT CONSTANT SPEED CONTROL	1				1
1-*	R53543T3	. VALVE-AUXILIARY - OPTIONAL USED ON UNITS SET AT 125-250 PSI. FOR OPT CONSTANT SPEED CONTROL	1				1
		250 PSI Cuts out at 175 and can be adjusted to 125 PSI.	1				1

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
1-*	R57247	. VALVE-UNLOADER	1				1
	3R57247T1	USED ON UNITS SET AT 75-145 PSI					
	3R57247T2	USED ON UNITS SET AT 150-250 PSI					
1-54	3W75290T30	. VALVE-CYLINDER RELIEF- COMPT-SIZE 30	1				
1-55	3W21461	. . BODY	1				
1-56	3W21462	. . VALVE-BARE	1				
1-57	PP397	. . SPRING	1				
1-58	3W21848	. . CAP	1				
1-59		. INTERCOOLER COMPLETE SEE FIGURE 7 FOR DETAIL BREAK- DOWN	1				
1-60		. UNLOADER-CENTRIFUGAL W/PILOT VLV-SIZE 60 SEE FIGURE 8 FOR DETAIL BREAK- DOWN	1				
1-61	H36330T7	. FILTER COMPLETE-INLET SEE FIGURE 9 FOR DETAIL BREAK- DOWN	2				
1-*	3W75270T1	. TUBE ASM-BREATHER	1				
1-*	70A10B4	. . NUT-TUBE	2				
1-*	75A10B8	. ELBOW-TUBE	2				
1-*	3W75270T2	. TUBE ASM, CENTRIFUGAL UNL EXHAUST TO CYL TOP FLANGE	1				
1-*	70A10B4	. . NUT-TUBE	2				
1-*	75A10B8	. ELBOW-TUBE	1				
1-*	71A10B9	. CONNECTOR-TUBE	1				
1-*	3W75270T3	. TUBE ASM, CYL RELIEF VLV TO CENT PILOT VLV	1				
1-*	70A10B5	. . NUT-TUBE	2				
1-*	3W75270T4	. TUBE ASM-OPTIONAL BETWEEN OPT CONST SPEED UNLOADERS FOR CONST SPEED & DUAL CONTROL	2				
1-*	70A10B4	. . NUT-TUBE	2				
1-*	71A10B7	. CONNECTOR-TUBE	4				

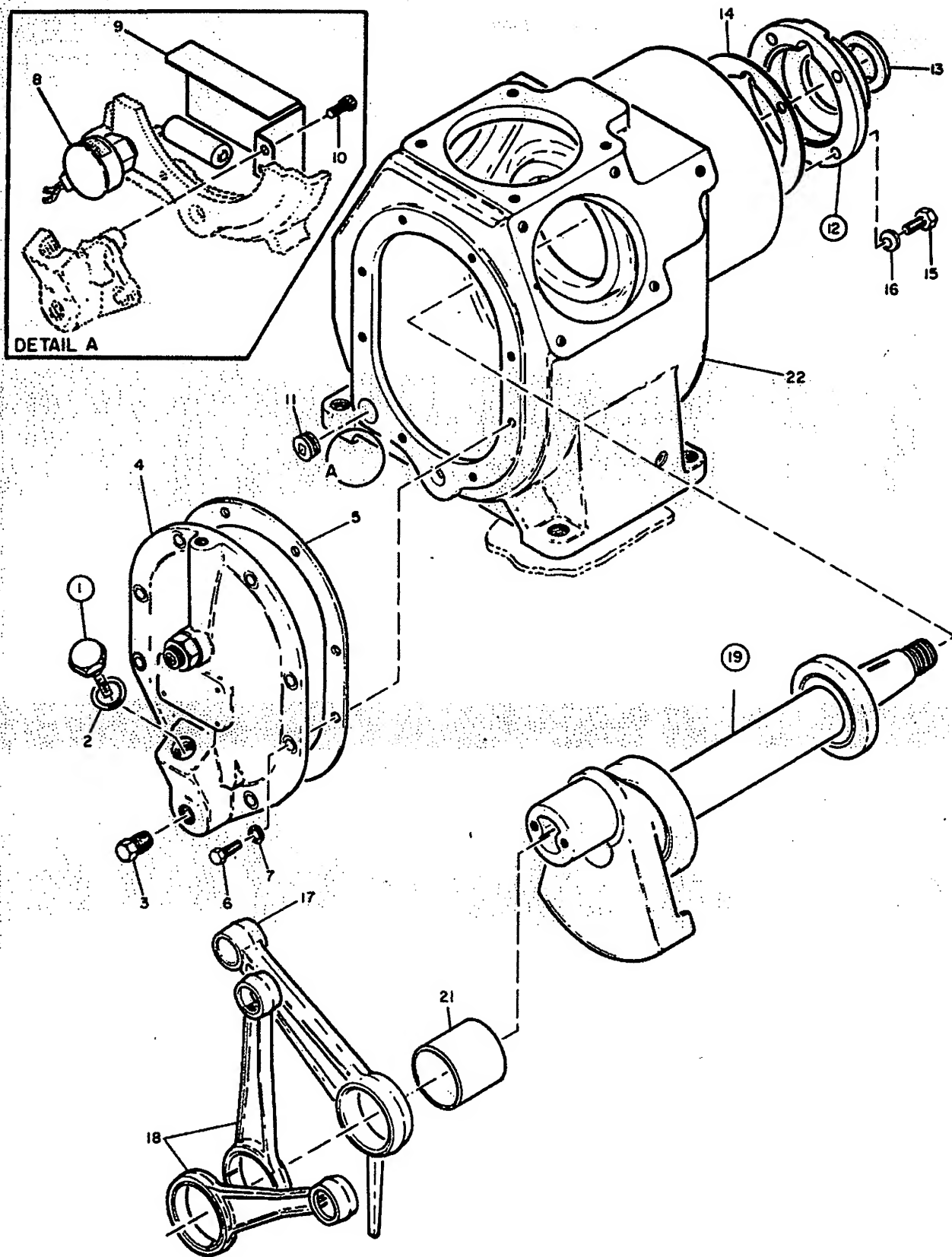


FIGURE 2. COMPRESSOR FRAME ASSEMBLY

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
		FRAME COMPLETE-SIZE 15	REF				
2-1	3W75294T30	. GAUGE-OIL-COMPLETE 30289003	1				
2-2	20A11CM212	. . O-RING	1				
2-3	35A7S5	. PIPE PLUG-HEX HD 1/2	1				
2-4	3W75292T70	. COVER-FRAME END-COMPLETE	1				1
2-5	3R8168	. . GASKET	1				
2-6	35A2C110	. CAPSCREW 3/8X7/8	8				
2-7	X1016T34	. WASHER-STEEL 3/8	8				
		THE FOLLOWING 3 ITEMS ARE STAND- ARD FOR THE COMPRESSOR					
2-8	3H48165	. SWITCH-OIL LEVEL SHUTDOWN	1				1
		USED ON STANDARD UNIT					
2-*	3W111519	. SWITCH-OIL LEVEL SHUTDOWN	1				
		OPTIONAL EXPLOSION -PROOF					
2-9	3R40725	. BAFFLE-OIL LEVEL SWITCH	1				
2-10	35A2C1N	. CAPSCREW 1/4X1/2	2				
		-					
2-11	31A7M5	. PIPE PLUG 1/2 COUNTERSUNK	1				
		OPTIONAL USED ON MODELS W/O OIL LEVEL SHUTDOWN SWITCH					
		-					
2-12	3W75293T72	. COVER-SHAFT END-COMPLETE	1				
2-13	W99622T7	. . SEAL-SHAFT OIL	1			1	1
2-14	3W21480	. . GASKET	1		1		1
2-15	35A2C110	. CAPSCREW 3/8X7/8	4				
2-16	X1016T34	. WASHER-STEEL 3/8	4				
2-17	3R22593	. ROD-HP CONNECTING	1				1
2-18	3R22594	. ROD-LP CONNECTING	2				2
2-19	3W75291T80	. CRANKSHAFT COMPLETE	1				
2-21	3R47248	. . BUSHING-CRANKPIN	1				1
		THE FOLLOWING 3 ITEMS, WHILE PART OF THE CRANKSHAFT COMPLETE, ARE SHOWN IN FIGURE 1.					
2-*	23A9C1012	. . KEY-WOODRUFF	1				
2-*	3W21473	. . NUT-BELT WHEEL	1				
2-*	14A5C175	. . WASHER-LOCK	1				
		-					
2-*	3H6165	. WHEEL-V BELT	1				
		SEE FIGURE 1 FOR LOCATION					
2-22	3F5074	. FRAME-COMPRESSOR	1				

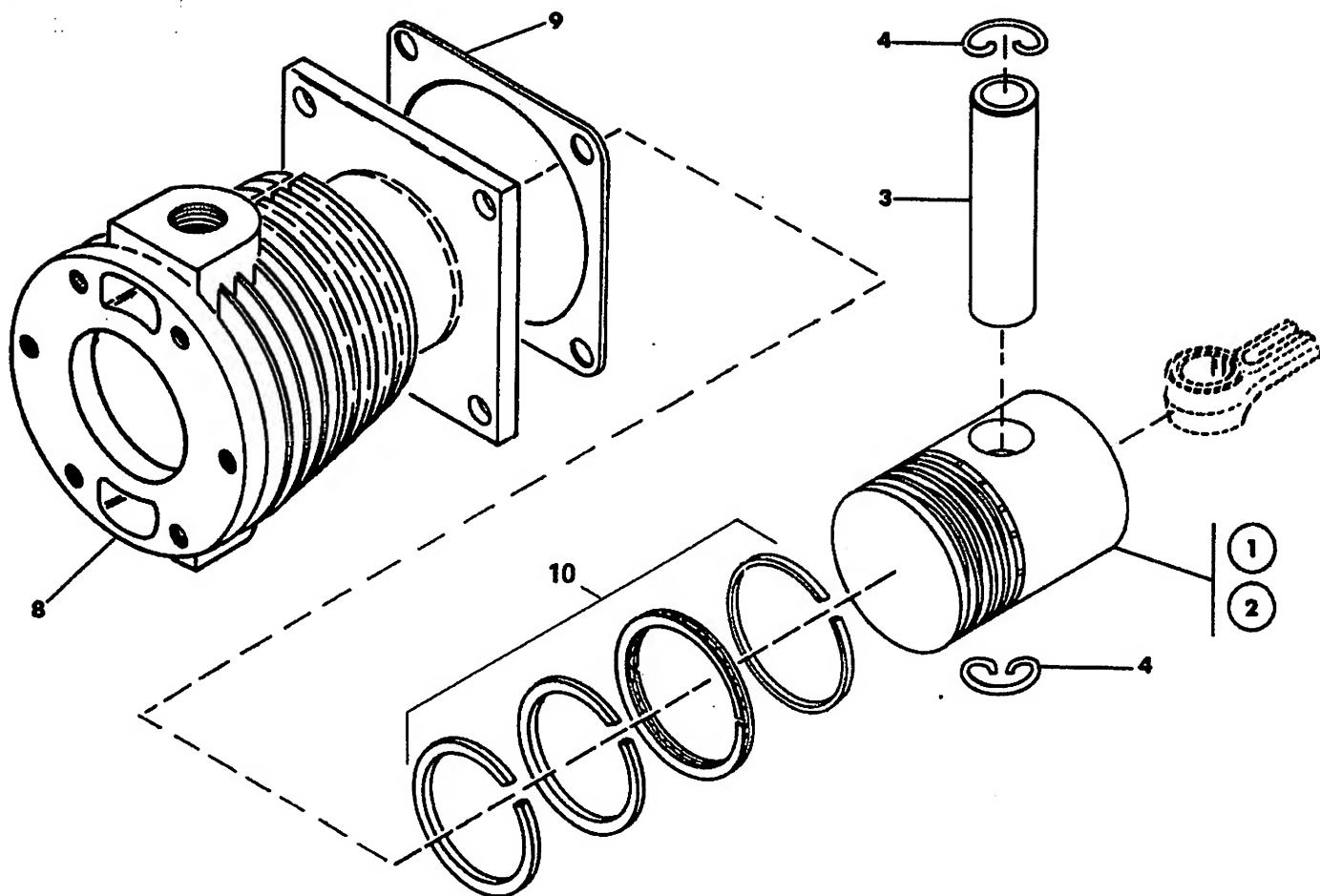


FIGURE 3. 5 1/2 INCH DIAMETER PISTON AND CYLINDER ASSEMBLY

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
		GROUP ASM-PISTON & CYL-5-1/2 DIA-TYPE 1	REF				
3-1	3W75295T240R	. PISTON AND RINGS COMPLETE	1				1
3-2	3W75295T240	. . PISTON COMPLETE	1				
3-3	3W11869	. . . PIN, PISTON	1			1	
3-4	3W11870	. . . RING, LOCK	2				
3-8	3W75296T380	. CYLINDER COMPLETE	1				
3-9	3W21481	. . GASKET, CYLINDER FLANGE	1				
3-10	W114364T3	RINGSET	2		2	2	2

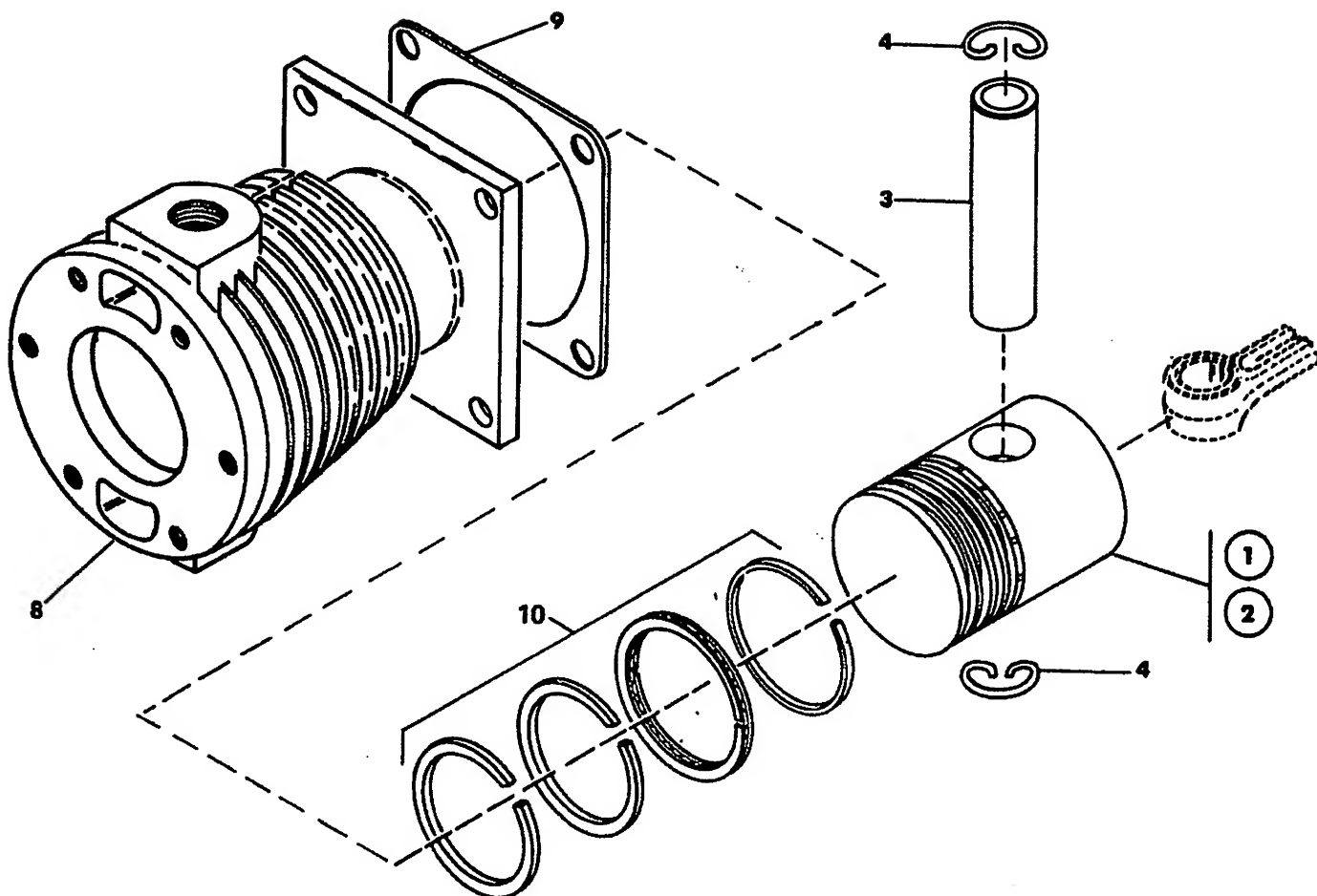


FIGURE 4. 4 INCH DIAMETER PISTON AND CYLINDER ASSEMBLY

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
		GROUP ASM-PISTON & CYL-4 IN DIA-TYPE 2	REF				
4-1	3W75295T220R	. PISTON AND RINGS COMPLETE	1				
4-2	3W75295T220	. . PISTON COMPLETE	1				
4-3	3W11867	. . . PIN, PISTON	1				
4-4	3W11870	. . . RING, LOCK	2				
4-8	3W75296T361	. CYLINDER COMPLETE	1				
4-9	3W21481	. . GASKET, CYLINDER FLANGE	1				
4-10	X1457T14A	RINGSET	1		1	1	1

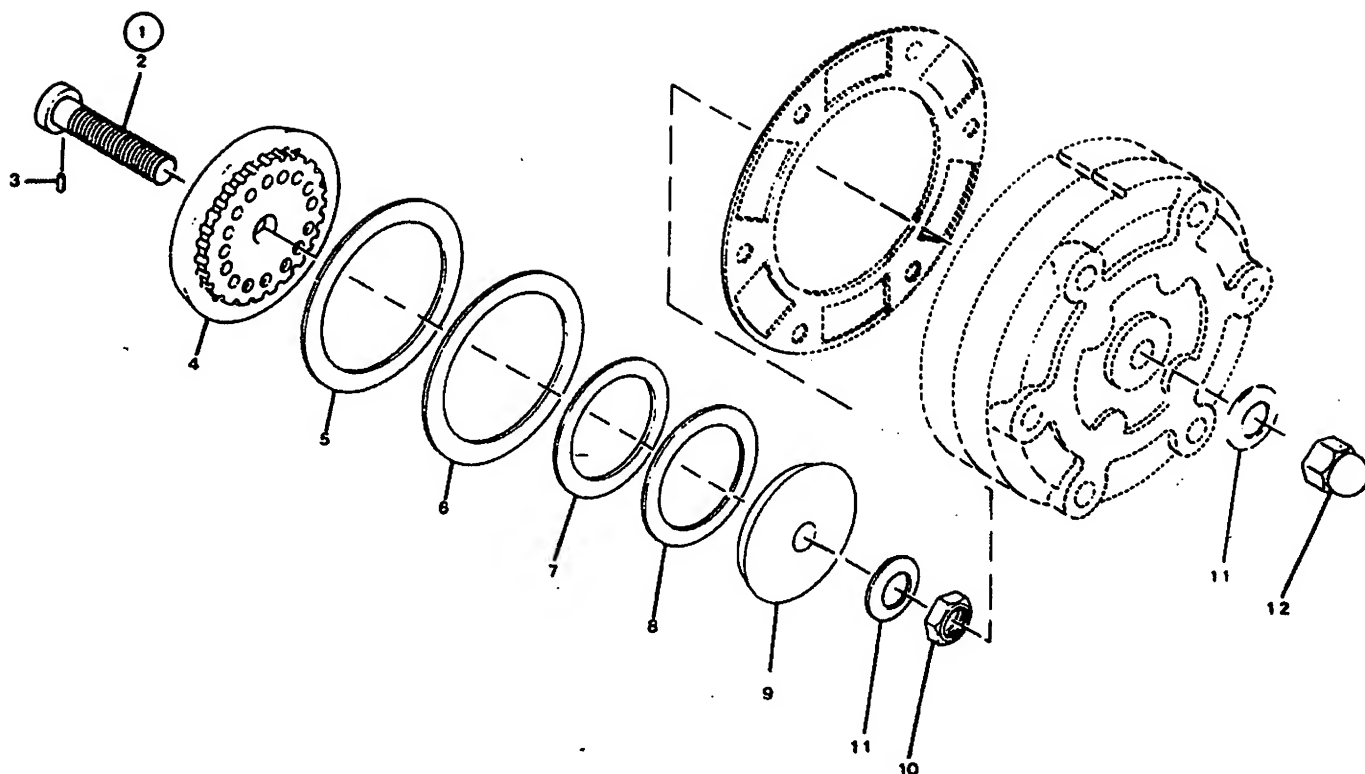


FIGURE 5. 55 GA CONCENTRIC RING VALVE ASSEMBLY

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
5-1	3W75300T60	VALVE COMPLETE	1			1	1
5-2	3W21453	. BOLT-VALVE	1				
5-3	3W34170	. . PIN-BOLT	1				
5-4	3W21943	. SEAT-DISCH VALVE	1				
5-5	3W21446	. SPRING-INLET VALVE	1		1	1	1
5-6	3W21445	. PLATE-INLET VALVE	1		1	1	1
5-7	3W21447	. PLATE-DISCH VALVE	1		1	1	1
5-8	3W21448	. SPRING-DISCH VALVE	1		1	1	1
5-9	3W21444	. PLATE-DISCH VALVE STOP	1				
5-10	22A4C8	. NUT	1				
5-11	W114141T75	. WASHER-SPRING-BELLEVILLE	2				
5-12	3W21751	. NUT-ACORN	1				
		WHEN SERVICING THE ASM OR A COMPONENT, HEAD GASKET 3W21948 MUST BE REPLACED.					

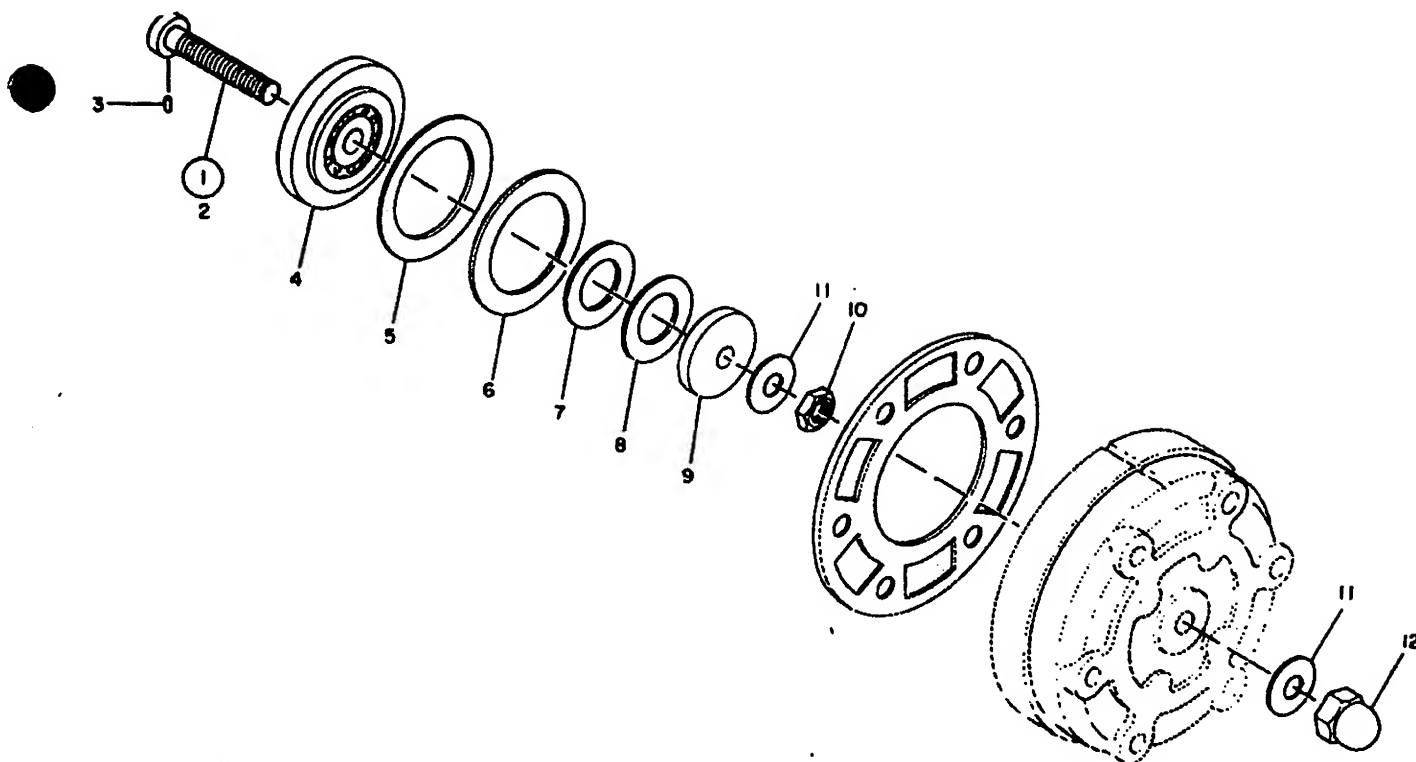


FIGURE 6. 42 GA CONCENTRIC RING VALVE ASSEMBLY

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
6-1	3W75300T40	VALVE COMPLETE	1			1	1
6-2	3W21454	• BOLT-VALVE	1				
6-3	3W34171	• . PIN-BOLT	1				
6-4	3W28713	• SEAT-DISCH VALVE	1				
6-5	3W28716	• SPRING-INLET VALVE	1			1	1
6-6	3W28717	• PLATE-INLET VALVE	1			1	1
6-7	3W28715	• PLATE-DISCH VALVE	1			1	1
6-8	3W28714	• SPRING-DISCH VALVE	1			1	1
6-9	3W28712	• PLATE-DISCH VALVE STOP	1				
6-10	22A4C7	• NUT	1				
6-11	W114141T63	• WASHER-SPRING-BELLEVILLE	2				
6-12	3W21750	• NUT-ACORN	1				
WHEN SERVICING THE ASM OR A COM- PONENT, HEAD GASKET 3W28719 MUST BE REPLACED.							

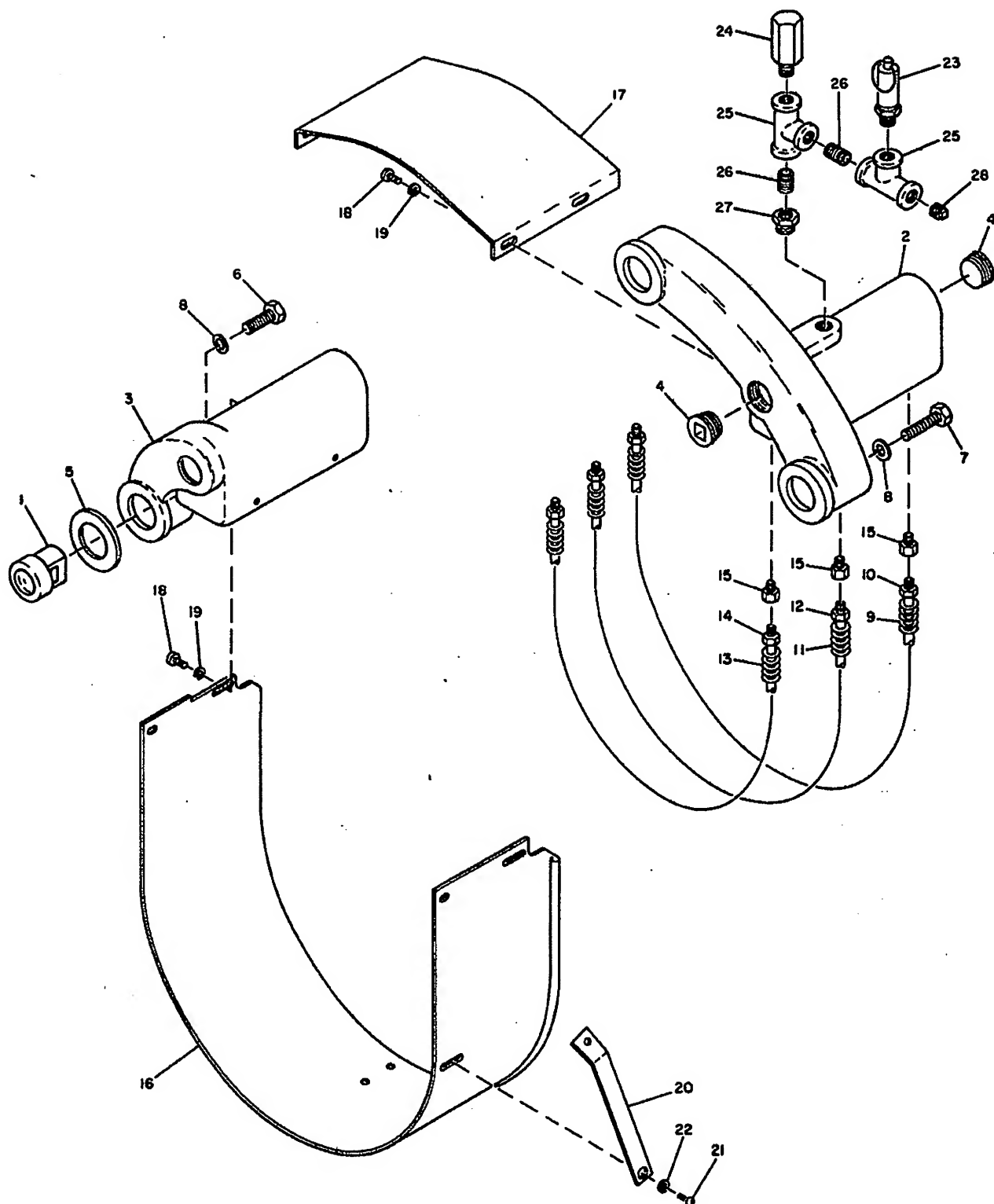


FIGURE 7. AIR INTERCOOLER ASSEMBLY

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
	32007270	INTERCOOLER COMPLETE-TYPE 1	REF				
7-1	3W21455	. CONNECTION-MANIFOLD	3				
7-2	3W75303T400	. MANIFOLD COMPLETE-LP	1				
7-3	3W75303T410	. MANIFOLD COMPLETE-HP	1				
7-4	31A7M8	. . PIPE PLUG	4				
7-5	3W21484	. . GASKET	3				
		WHEN ORDERING EITHER MANIFOLD COMPL, GASKET 3W21484 & PIPE PLUG 31A7M8 ARE INCLUDED.					
7-6	35A2C325	. CAPSCREW 5/8 X 1-1/2	2				
7-7	35A2C327	. CAPSCREW 5/8 X 2	1				
7-8	X1016T30	. WASHER-FLAT 5/8	3				
7-9	X1434T20 41.5"	. TUBE-FINNED	8	7			
7-10	70A10B5	. . NUT-TUBE	16	14			
7-11	X1434T18 38. 3/4	. TUBE-FINNED	7	6			
7-12	70A10B5	. . NUT-TUBE	14	12			
7-13	X1434T16 36 "	. TUBE-FINNED	8	7			
7-14	70A10B5	. . NUT-TUBE	16	14			
7-15	70A10B10	. CONNECTOR-TUBE 71A10B11	46				
7-16	3R8169	. SHROUD	1				
7-17	3R15878	. SHROUD-TOP	1				
7-18	87A2C142	. CAPSCREW FIL HD 1/4 X 3/8	8				
7-19	26A5S1114-00	. WASHER-LOCK-SHAKEPROOF 1/4	8				
7-20	3W42847	. BRACE-SHROUD	1				
7-21	83A2C144	. SCREW-RD HEAD 1/4 X 1/2	1				
7-22	14A5C55	. WASHER-LOCK 1/4	1				
7-23	X1396T2-65	. VALVE-SAFETY	1				1
7-24	R30460 30220342	U.L. 100-VALVE-INTERCOOLER RELIEF	1				1
7-25	71A7M2	. TEE	2				
7-26	18A7S2	. NIPPLE	2				
7-27	23A7S5	. BUSHING-REDUCING	1				
7-28	30A7S3	. PLUG-SOLID SQUARE	1				
7-*	71A7M2	. TEE-PIPE-OPTIONAL USED FOR AIR SUPPLY TO OPT AUTO WATER VLV-NOT USED W/STANDARD COOLER	1				
7-*	18A7W2	. NIPPLE-PIPE - OPTIONAL USED FOR AIR SUPPLY TO OPT AUTO WATER VLV-NOT USED W/STANDARD COOLER	1				

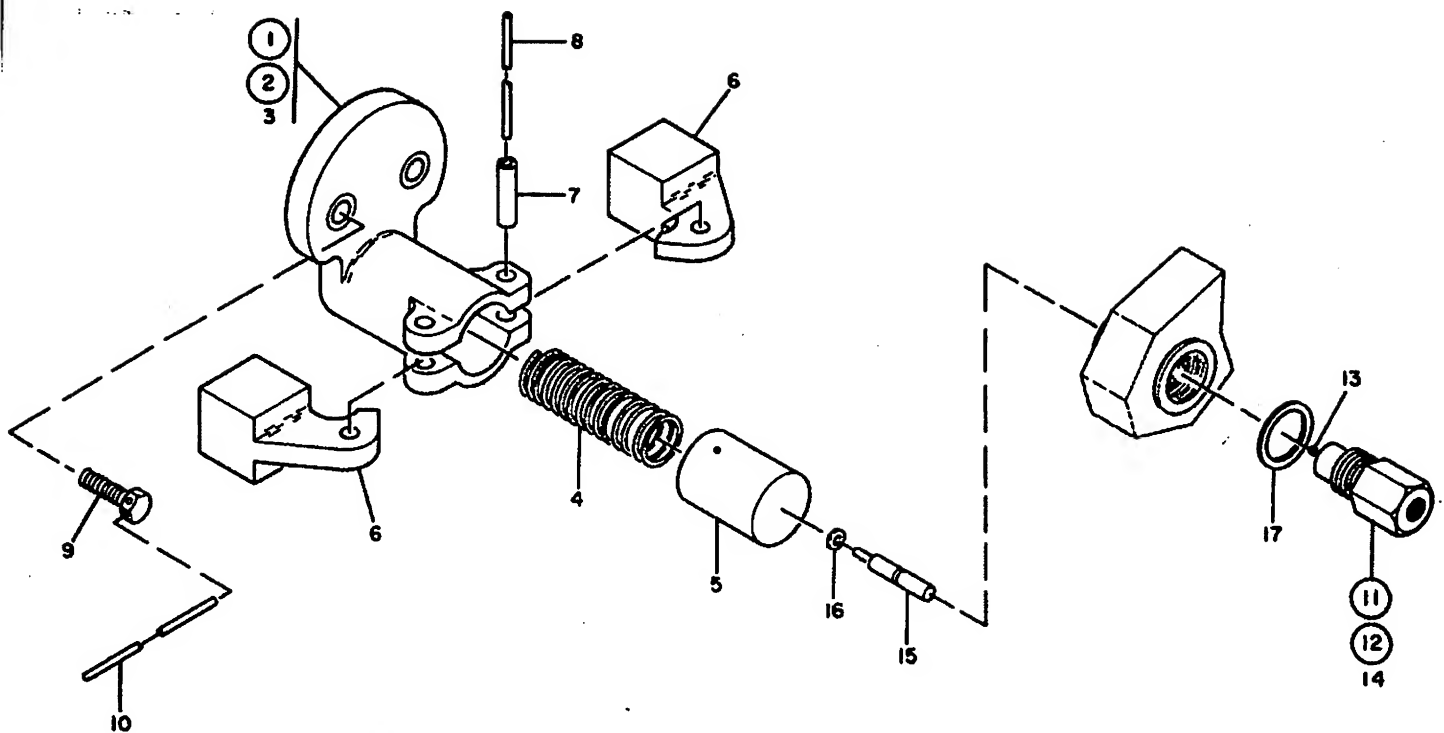


FIGURE 8. CENTRIFUGAL UNLOADER AND PILOT VALVE ASSEMBLIES

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
		UNLOADER-CENTRIFUGAL WITH PILOT VALVE-SIZE 60-4 STROKE	REF				
8-1	W114086T60	. UNLOADER-CENTRIFUGAL	1				
8-2	3W75288T60	. . CAP ASM-CRANKPIN	1				
8-3	3W21456	. . . CAP-CRANKPIN	1				
8-4	PP566	. . . SPRING	1				1
8-5	3W21457	. . . PLUNGER	1				
8-6	3W21458	. . . WEIGHT	2				
8-7	3W11984	. . . PIN	2				
8-8	X1636T12X5	. . . LOCKWIRE	1				
8-9	2W21297	. CAPSCREW-LOCKING	2				
8-10	X1636T20X5	. LOCKWIRE	1				
8-11	R53608T50	. . VALVE ASM-PILOT-COMPLETE	1			1	1
8-12	W114073	. . . VALVE ASM	1				
8-13	W114073T1	. . . . CORE	1				
8-14	W114073T2	. . . . BODY-VALVE	1				
8-15	W114074	. . . PIN-THRUST	1				
8-16	20A11CM006	. . . O-RING	1			1	1
8-17	X1026T32	. . . WASHER-COPPER	2			2	2

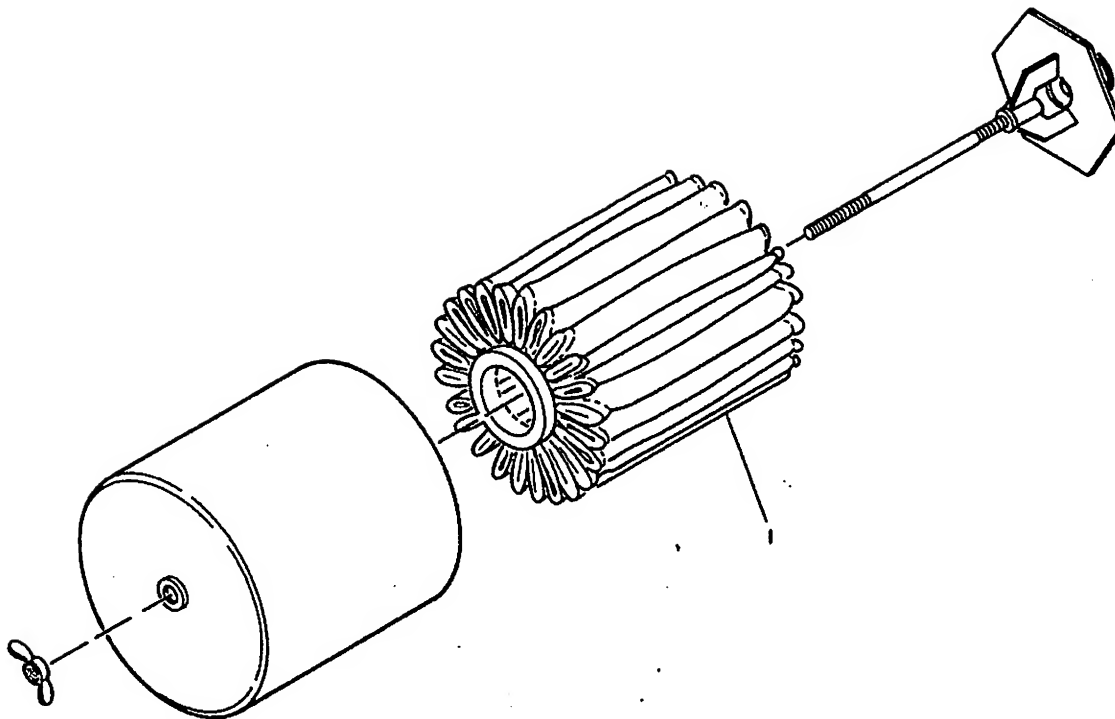
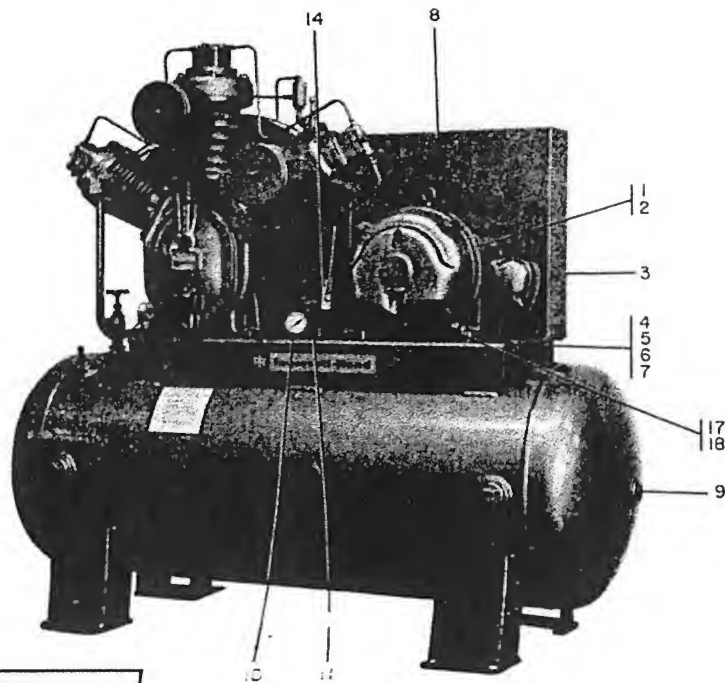
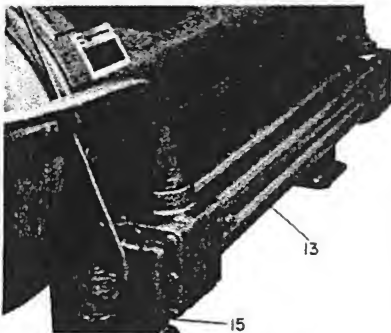


FIGURE 9. INLET-FILTER ASSEMBLY

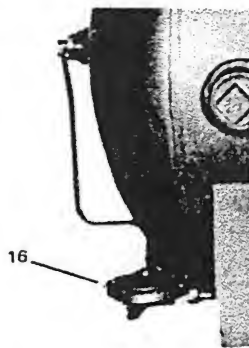
REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
9- 9-1	H36330T7 W114080	FILTER COMPLETE-INLET • ELEMENT NOTE-FOR HEAVY DUTY AIR FILTERING REQUIREMENTS, ORDER HEAVY DUTY FILTERING ELEMENT W114080T.	1 1				1



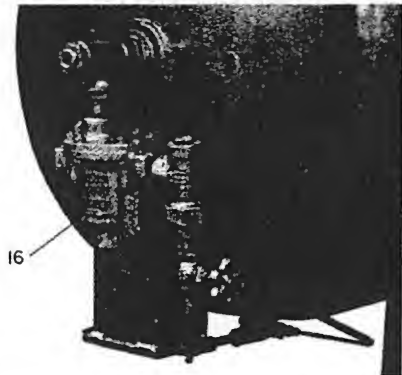
**DETAIL A – TOTALLY ENCLOSED
BELT GUARD.**



**DETAIL B – WATER COOLED
AFTERCOOLER - DRAIN VALVE AS
SHOWN IN DETAIL D MUST BE USED
WITH THIS COOLER.**



**DETAIL C – AUTO DRAIN VALVE
USED WITHOUT WATER COOLED
AFTERCOOLER.**



**DETAIL D – AUTO DRAIN VALVE USED
WITH WATER COOLED AFTERCOOLER.**

FIGURE 10. COMPRESSOR DRIVE, AIR RECEIVER, AND ACCESSORIES

COMPRESSOR DRIVE, AIR RECEIVER, AND ACCESSORIES

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
10-1		MOTOR, ELECTRIC	1				
10-2		PULLEY, MOTOR	1				
10-3	3A19C96M3	BELT, "V"	3		3	3	
10-4	W114477	BOLT-BELT TIGHTENER	1				
10-5	12A5C6G	WASHER-FLAT	1				
10-6	W99623	CLIP-BELT TIGHTENER	1				
10-7	R47254	CLAMP-MOTOR	2				
10-8	F27652	GUARD, "V" BELT BACK	1				
10-*	3W45928	DECAL, ROTATION ARROW	1				
10-9		RECEIVER ASSEMBLY, AIR (INCLUDES SUBBASE AND RECEIVER SUPPORTS)	1				
10-10	3A12KKN37	GUAGE, PRESSURE	1				
10-11	3W75400T5	SWITCH, PRESSURE-STANDARD ENCLOSURE (0-200 PSIG UNITS)	1				
10-*	3W75400T7	SWITCH, PRESSURE-STANDARD ENCLOSURE (201-250 PSIG UNITS)	1				
10-*	3W75400T9D	SWITCH, PRESSURE-DRIP PROOF ENCLOSURE (0-250 PSIG UNITS)	1				
10-*	3W75400T5X	SWITCH, PRESSURE-EXPLOSION PROOF ENCLOSURE (0-200 PSIG UNITS)	1				
10-*	3W75400T7X	SWITCH, PRESSURE-EXPLOSION PROOF ENCLOSURE (201-250 PSIG UNITS)	1				
10-*	X1396T42-125	VALVE, SAFETY (0-125 PSIG UNITS)	1				
10-*	X1396T28-200	VALVE, SAFETY (126-200 PSIG UNITS)	1				
10-*	X1396T28-260	VALVE, SAFETY (201-250 PSIG UNITS)	1				
10-12	3W75346T7E	AFTERCOOLER, AIR COOLED-FULLY ENCLOSED	1				
10-13	3W75345T102	AFTERCOOLER, WATER COOLED	1				
10-14	R57247	VALVE, UNLOADER PILOT	1				1
10-15	3W60413P1	VALVE, WATER-AUTOMATIC	1				
10-16	W99630	VALVE-AUTOMATIC CONDENSATE DRAIN	1				
10-16	W75422	VALVE-AUTOMATIC CONDENSATE DRAIN	1				
10-17	35A2C222	CAPSCREW	4				
10-18	14A5C101	LOCKWASHER	4				
10-19	H37769	COVER-AFTERCOOLER	1				
10-*	H37768	COVER-BELT GUARD	1				
		(*) SPECIFY DISCHARGE PRESSURE OF COMPRESSOR AND COMPLETE MOTOR NAMEPLATE DATA.					

MODEL: 25T2 TUNE-UP KIT NO. W114149TK19

Quantity	Description	Part No.
2	Valve Plate	3W21445
2	Valve Spring	3W21446
3	Valve Plate	3W21447
3	Valve Spring	3W21448
1	Valve Plate	3W18717
1	Valve Spring	3W28714
2	Piston Ring Set (5½")	W114364T3
1	Piston Ring Set (4")	X1457T14A
1	Oil Seal	W89622T7
1	Gasket Set	X1453T84

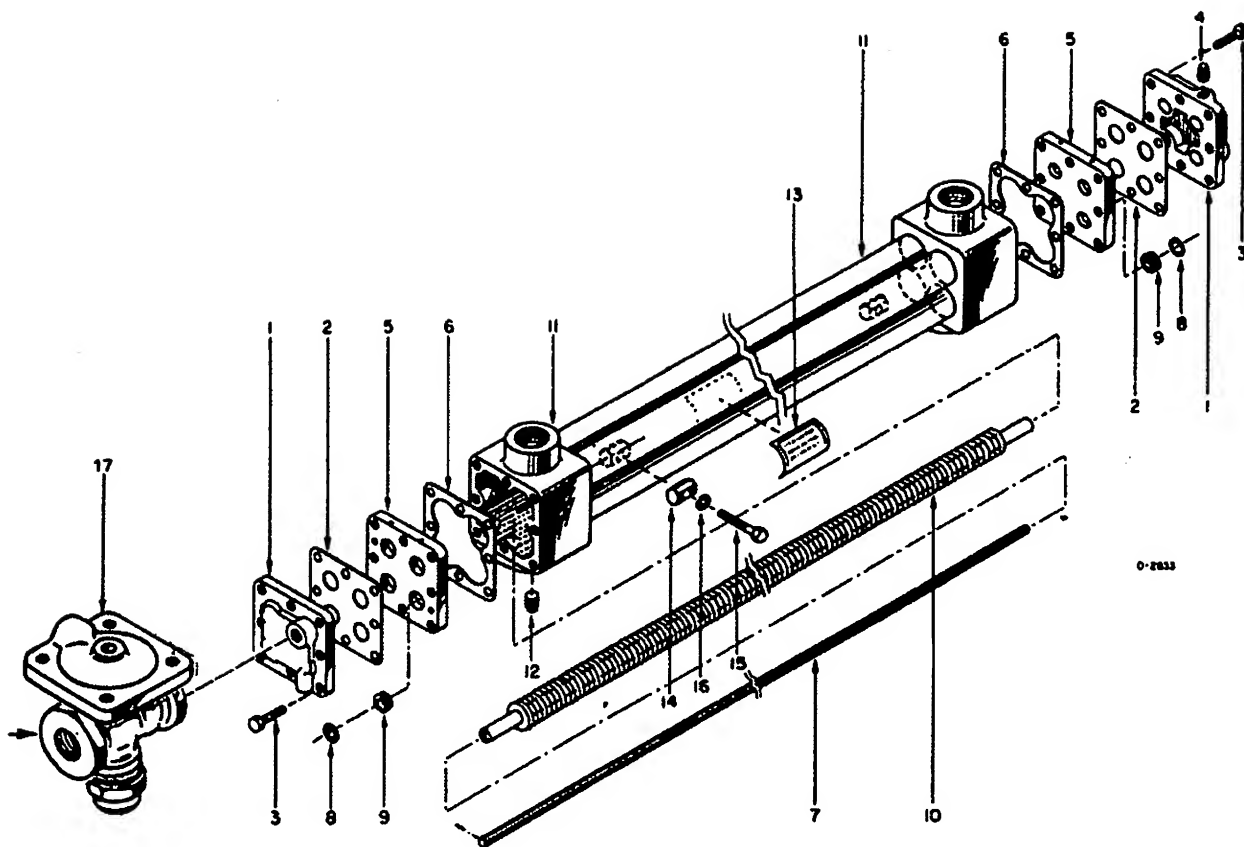
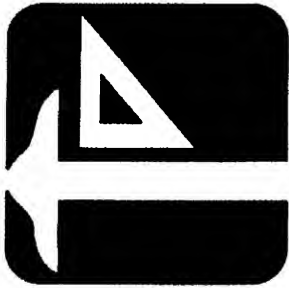


FIGURE 11. WATER COOLED AFTERCOOLER

REF NBR	PART NUMBER	DESCRIPTION	UNITS PER ASSY	USED ON CODE	REC SPARES SVCE CLASS		
					1	2	3
	R22501	AFTERCOOLER ASSEMBLY, WATER COOLED	1				
11-1	W75201T402	• COVER COMPLETE	2				
11-2	W34413	• • GASKET, COVER	2				
11-3	35A2C224	• CAPSCREW	16				
11-4	30A7M3	• PLUG, PIPE	1				
11-5	W75210T401	• PLATE COMPLETE, HEADER	2				
11-6	W34412	• • GASKET, COVER	2				
11-7	R25780	• BAR, FILLER	4				
22-8	20A11BM211	• "O" RING	16				
11-9	W39851	• SPACER, "O" RING	8				
11-10	W34414	• TUBE	4				
11-11	R22503	• HEADER AND SHELL ASSEMBLY	1				
11-12	30A7M5	• PLUG, PIPE	1				
11-13	8A16X105	• PLATE, NAME	1				
11-14	W34440	CLAMP, AFTERCOOLER	2				
11-15	35A2C131	CAPSCREW	2				
11-16	14A5C76	LOCKWASHER	2				
11-17	W60413P1	VALVE, AUTOMATIC WATER	1				

Special Engineering Service

We can help you with your compressed air problems by surveying your needs and recommending the proper compressor and air piping system for maximum efficiency.



Spare Parts

We stock genuine I-R spare parts for your I-R equipment, avoiding possible costly delays or the substitution of inferior parts. As a result, old machines are kept in good-as-new condition.

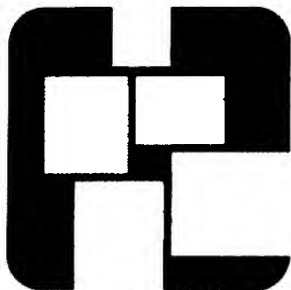


Fast Efficient Field Service

We maintain a staff of trained mechanics and service trucks to provide you with preventive maintenance or meet any emergencies you may have.

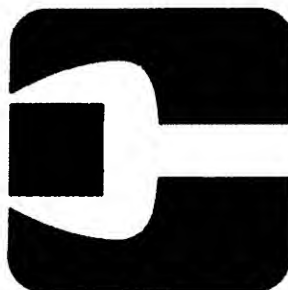


A world of experience... at your service!



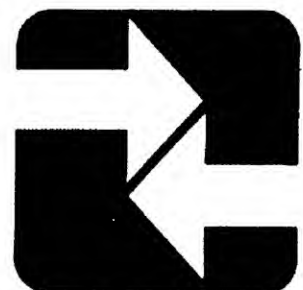
Complete Stock of Equipment

Our stock of complete machines, which can usually take care of any need, is backed up by Ingersoll-Rand prompt factory shipment to assure you on-time delivery.



Complete Repair Service

Trained mechanics will repair or overhaul compressors by factory recommended methods, using only genuine parts.



Exchange Service Plan

We maintain stocks of compressors that can be substituted for your compressor while repairs are being made. This means no lost production time for you.



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